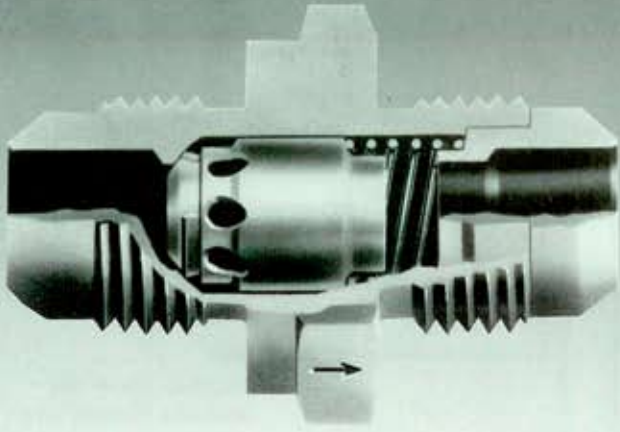


# 2600 SERIES

0 to 3,000 PSIG



## CHECK VALVES

### Features

- Zero Leakage
- 2600 Series Meets Package Requirements of MS24423 & Functional Requirements of MIL-V-25675 (2620T Series)
- Quick Opening-Positive Closing
- Maintenance-Free Dependability

### Technical Data

#### Materials of Construction

Body – 303 Stainless Steel or Aluminum

Spring – 302 Stainless Steel

O-Rings – Buna N, Neoprene, Teflon® or Viton®

#### Pressure Ratings

Operating Pressure:

Aluminum – 0 to 3,000 PSIG (207 BAR)

St. Steel – 0 to 3,000 PSIG (207 BAR)

Min. Burst Pressure:

3 x Max. Opr. Pressure (Room Temp.)

2-1/2 x Max. Opr. Pressure (At Max. Rated Temp.)

#### Temperature Range

-100°F to +400°F

-73°C to +204°C

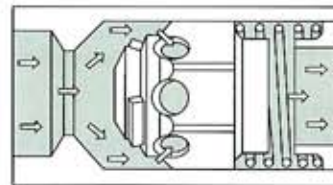
Based On O-Ring &

Body Material, See Page 2

#### Valve Sizes

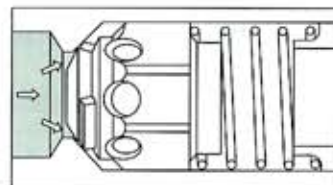
1/4" to 1"

### How It Works



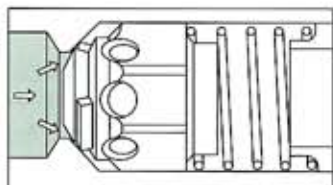
#### OPEN

Flow passes smoothly through valve with minimum turbulence. Flow characteristics meet or exceed the requirements of MIL-V-25675.



#### CLOSING

Seal automatically established line of contact with conical seat to cushion closing and insure perfect sealing.



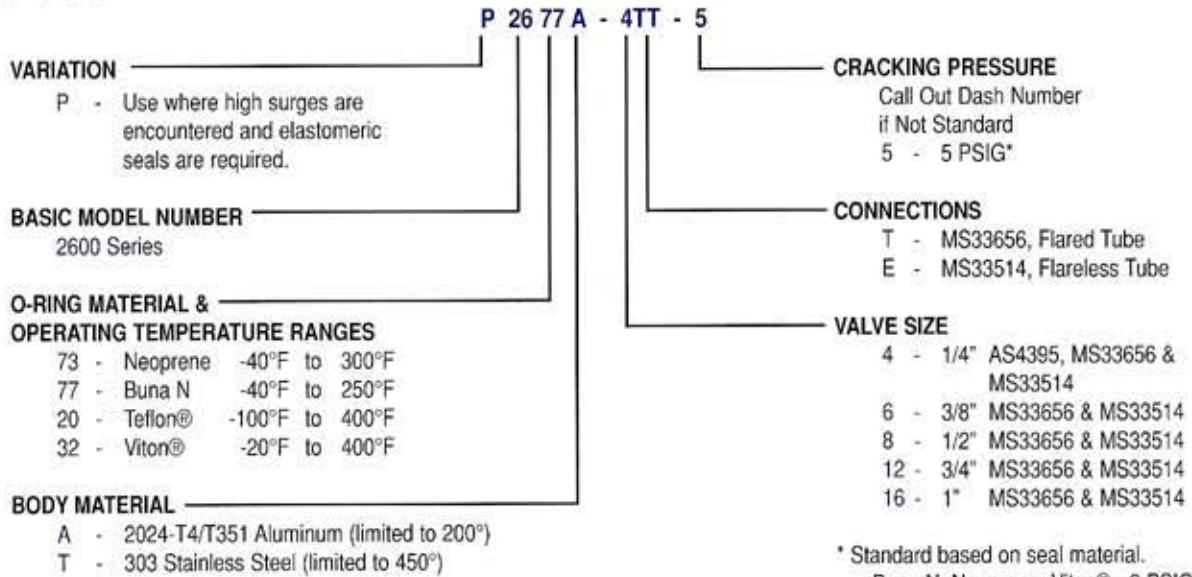
#### CLOSED

Sealing member only seals. Full pressure is carried by metal-to-metal seat. Increasing pressure increases efficiency.

# 2600 SERIES

0 to 3,000 PSIG

## How To Order



**Notes:**

Leakage - From zero pressure differential to max. operating pressure - zero

Exception: If Teflon® O-ring is used in Aluminum body with gases, from 75 psi pressure differential to max. operating pressure: 2620A - 1cc/min. 2620T - zero

Teflon® and Viton® are registered trademarks of DuPont.

\* Standard based on seal material.  
 Buna N, Neoprene, Viton® - 2 PSIG  
 Teflon® - 5 PSIG Max. (2 to 5 PSIG with liquid)

Please consult your Circle Seal Controls Representative or our factory for information on special connections, operating pressures and temperature ranges.

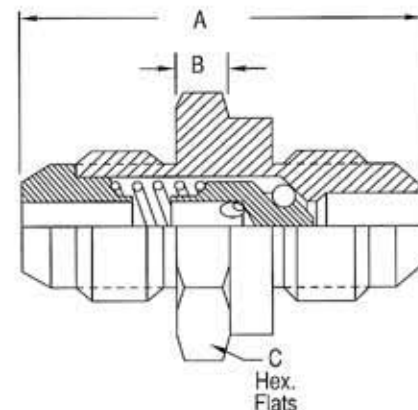
## End Connections, Dimensions & Weights

### 2600 SERIES, MS33514 CONNECTIONS

Model Number	Size	A	B	C	Weight In Lbs.	
					Alum.	S.S.
4EE	1/4"	1.34	.219	.688	.02	.05
6EE	3/8"	1.41	.250	.813	.03	.07
8EE	1/2"	1.62	.281	1.000	.05	.13
12EE	3/4"	1.94	.343	1.375	.12	.36
16EE	1"	2.44	.375	1.625	.18	.52

### 2600 SERIES, MS33656 CONNECTIONS

Model Number	Size	A	B	C	Weight In Lbs.	
					Alum.	S.S.
4TT	1/4"	1.54	.219	.688	.02	.05
6TT	3/8"	1.58	.250	.813	.03	.08
8TT	1/2"	1.81	.281	1.000	.05	.14
12TT	3/4"	2.29	.343	1.375	.13	.38
16TT	1"	2.88	.375	1.625	.19	.55




**CIRCLE SEAL CONTROLS, INC.**  
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